Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

Indent No. 47608

(For Other Works)

No: First and Final Bill Date.....20

Division: **Byatarayanapura** Sub-Division: **Byatarayanapura Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 005-21-000093**

Schedule Docket No. Head of Account: P3853 Est.Cost- **400.00 Lakhs**

Name of Work: **Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division**

Name of Contractor and Full Address: **M/S Sathya A Constructions Prop. Sri.R.Satheesh, No:600, Down Bazar Road, Yelahanka Bengalore-560064**

Reference to Agreement No: **BBMP/EE/BTP/WO/29/2021-22** Date: 15-12-2021

Certified that the measurements were taken by me on 5/3/22 and recorded of Pages 535418- 535419 of measurement Book No. 5355/19-20 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 5/3/2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount
   towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustme
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

1st & Final Bill

Total	41147000	00
I+	411470	00
CGST	367384	00
SGST	367384	00
CESS	411470	00
CBF	41147	00
LR	213145	00
Ded:	18,12,000	00
Cheque	3,93,35,000	00

Total amount

Contractor Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

P3853

ವಿಶೇಷ ಅಭಿವೃದ್ಧಿ Special Development Works ರಡಿ ಒಟ್ಟು ಕಾಮಗಾರಿ ರೂ. 411470001- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ

ಇದುವರೆಗೆ ರೂ. 18,12,000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಲಾಗಿದೆ ರೂ. 3,93,35,000/- ಗಳನ್ನು

Stamp

FT/NEFT/RTGS ಮುಖಾಂತರ ಪಾವತಿ

10/3/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬೃಬೆಪಾಪಾ, ಬೆಂಗಳೂರು

10/3/22

ABSTRACT

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Removing B.S Slab of Drain and stacking and (5km lead = 57+2*1.28X5) complete as per specifications and directions of the Engineer in charge.	Sqm	2696.04	183.44	494562.00	0.00	0.00	0.00	2696.04	183.44	494562.00	2696.04	494562.00	
2	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. and directions of the Engineer in charge. **Qty Upto 125%**	Cum	36.23	463.86	16804.00	0.00	0.00	0.00	36.23	463.86	16806.00 16804.00	36.23	16806.00 16804.00	
	Qty Above 125%	Cum	23.78	463.86	11032.00	0.00	0.00	0.00	23.78	463.86	11031.00 11032.00	23.78	11031.00 11032.00	
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and directions of the Engineer in charge. **Qty Upto 125%**	Cum	175.44	693.10	121600.00	0.00	0.00	0.00	175.44	693.10	121597.00 121596.00	175.44	121597.00 121596.00	
	Qty Above 125%	Cum	67.82	693.10	47009.00	0.00	0.00	0.00	67.83	693.10	47013.00 47012.00	67.83	47013.00 47012.00	
4	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods(8km lead = 57+2*1.28X5) complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	3867.02	217.94	842780.00	0.00	0.00	0.00	3866.52	217.94	842669.00 842670.00	3866.52	842669.00 842670.00	
5	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and directions of the Engineer in charge.	Cum	351.60	5963.50	2096749.00	0.00	0.00	0.00	351.60	5963.50	2096767.00	351.60	2096767.00	
6	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm complete as per specifications and directions of the Engineer in charge.	Cum	793.71	7792.65	6185116.00	0.00	0.00	0.00	793.71	7792.65	6185104.00 6185105.00	793.71	6185104.00 6185105.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
7	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH complete as per specifications and directions of the Engineer in charge.	tonne	50.09	84137.90	4214689.00	0.00	0.00	0.00	50.09	84137.90	4214467.00 4214351.00	50.09	4214467.00 4214351.00	
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate) complete as per specifications and directions of the Engineer in charge.	Sqm	1811.25	2453.38	4443685.00	0.00	0.00	0.00	1811.25	2453.38	4443685.00	1811.25	4443685.00	
9	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc complete as per specifications and directions of the Engineer in charge.	Sqm	160.02	5687.82	910165.00	0.00	0.00	0.00	160.02	5687.82	910165.00	160.02	910165.00	
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.	Cum	37.96	6329.82	240311.00	0.00	0.00	0.00	37.74	6329.82	238887.00 238896.00	37.74	238887.00 238896.00	
11	Removing and resetting of kerb stones complete as per specifications and directions of the Engineer in charge. Not Executed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete., complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Nos	3370.00	454.02	1530048.00	0.00	0.00	0.00	3370.00	454.02	1530047.00 1530048.00	3370.00	1530047.00 1530048.00	
	Qty Above 125%	Nos	849.00	454.02	385461.00	0.00	0.00	0.00	849.00	454.02	385463.00 385461.00	849.00	385463.00 385461.00	
13	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	759.30	89.02	67593.00	0.00	0.00	0.00	759.30 759.34	89.02	67592.00 67597.00	759.30 759.34	67592.00 67597.00	
14	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	524.85	59.06	30998.00	0.00	0.00	0.00	524.85	59.06	30998.00 36665.00	524.85	30998.00 36665.00	
	Qty Above 125%	Cum	620.81	59.06	36666.00	0.00	0.00	0.00	620.81	59.06	36667.00	620.81	36667.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
15	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	1857.38	361.66	671739.00	0.00	0.00	0.00	1857.38	361.66	671740.00 671739.00	1857.38	671740.00 671739.00	
	Qty Above 125%	Cum	506.29	361.66	183103.00	0.00	0.00	0.00	506.29	361.66	183105.00 183103.00	506.29	183105.00 183103.00	
16	Scarifying by mechanical means stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges complete as per specifications and directions of the Engineer in charge.	Sqm	3234.69	43.40	140386.00	0.00	0.00	0.00	3234.69	43.40	140386.00	3234.69	140386.00	
17	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Sqm	5069.16	6.68	33863.00	0.00	0.00	0.00	5069.16	6.68	33862.00	5069.16	33862.00	
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	795.30	2094.27	1665566.00	0.00	0.00	0.00	795.30	2094.27	1665573.00	795.30	1665573.00	
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	1624.52	2100.94	3413018.00	0.00	0.00	0.00	1624.52	2100.94	3413019.00 3413020.00	1624.52	3413019.00 3413020.00	
20	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Sqm	7266.63	23.37	169822.00	0.00	0.00	0.00	7266.63	23.37	169821.00 169822.00	7266.63	169821.00 169822.00	
	Qty Above 125%	Sqm	316.13	23.37	7388.00	0.00	0.00	0.00	257.25	23.37	6012.00	257.25	6012.00	
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm	8878.16	35.61	316152.00	0.00	0.00	0.00	8878.16	35.61	316151.00 316152.00	8878.16	316151.00 316152.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per specifications and directions of the Engineer in charge.	Cum	443.91	7655.98	3398550.00	0.00	0.00	0.00	443.91	7655.98	3398566.00 3398567.00	443.91	3398566.00 3398567.00	
23	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Sqm	12998.77	5.56	72274.00	0.00	0.00	0.00	12998.77	5.56	72273.00 72274.00	12998.77	72273.00 72274.00	
24	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Sqm	12998.77	13.35	173534.00	0.00	0.00	0.00	12998.77	13.35	173534.00	12998.77	173534.00	
25	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive). complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Cum	519.95	8970.18	4664051.00	0.00	0.00	0.00	519.95	8970.18	4664045.00 4664046.00	519.95	4664045.00 4664046.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge. **Qty Upto 125%**	Sqm	330.31	477.39	157685.00	0.00	0.00	0.00	330.31	477.39	157687.00	330.31	157687.00	
	Sub Total				**36742399.00**	-	-	-			**36739193.00**		**36739193.00**	36739292.00
	GST @12%				**4409088.00**	-	-	-			**4408704.00**		**4408704.00**	4408705.00
	TOTAL AMOUNT				**41151487.00**	-	-	-			**41147897.00**		**41147897.00**	41148007.00
													Round off..	41147000.00

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

Contractor

Asst Engineer

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26